

# Crane Inspection Report

(Knuckle Boom & Straight Boom)



<b>Job &amp; Report Number:</b>	J4358-S102	<b>Inspection Date:</b>	10/05/2018
<b>Client / Equipment Holder:</b>	Agtrans Ltd	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera.	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770
<b>Type:</b>	Truck Mounted Crane	<b>Boom Configuration:</b>	Knuckle Boom
<b>Official Number:</b>	SIS128003	<b>Rating Sheet:</b>	Posted on crane
<b>Client ID:</b>	Crawler Crane	<b>Capacity:</b>	As per rating chart (Max 8.0tons).
<b>Manufacturer:</b>	Palfinger PK40002-EH	<b>Hoist Rope Diameter:</b>	n/a
<b>SWL Indicator Type:</b>	Alarms & Cut-outs	<b>Hooks SWL:</b>	11.5 ton
<b>Vehicle Type:</b>	2006 Caterpillar 312C Crawler	<b>Registration:</b>	FCD 987

## GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Clearly marked.
2	Maintenance Records	✓	satisfactory order.
3	Load Radius Rating Chart (English)	✓	Posted on crane. In good order.
4	LT 400 (Only on First Inspection)	n/a	

## OPERATIONAL

1	Overload Protection System	✓	Alarms & cut-outs tested satisfactorily.
2	Anti – Two Block (recommended)	n/a	
3	Load Holding Valves (if required)	✓	In good order.
4	Load Test	✓	Function tested satisfactorily. No concern noted.
5	Stability Check (if required)	✓	Self-programming function. Used to determine stability loading range.
6	Sag Rate	✓	No creep evident at rated load.
7	Stabiliser Check valves (if required)	✓	Fitted on all 4 spreader legs. In good order.
8	Hoist Winch	n/a	
9	Hydraulics	✓	Satisfactory order.
10	Controls	✓	Pendant & remote wireless control for tractors, tested satisfactorily. Remote control for crane tested satisfactorily. E/stops for both in order.
11	Extensions (visible locks, position indicator)	✓	6 x extensions, in good order.

## CONDITION

1	Crane Mounting (base stops, spacers)	✓	All secured and in satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	No anomalies noted.
3	Extension Beam(s) & Jacks	✓	4 x jacks and spreaders with stabilizer check valves. In good order.
4	Extensions (wear pads, locks)	✓	Satisfactory.
5	Slew Bearing / Slew bearing / Bolts	✓	Satisfactory.
6	Crane Body (bolting, pins, bushes, locks)	✓	All secured and in order.
7	Inner Boom (pins, bushes, locks)	✓	In order.
8	Outer Boom (pins, bushes, locks)	✓	In order
9	Extending Booms (wear pads)	✓	satisfactory
10	Hooks & Hook attachments	✓	Swivel hook, SWL 11.5 ton, in good order.
11	Ropes (terminations, length)	✓	Satisfactory. No kinked or broken strand evident.
12	Sheaves	n/a	
13	Hydraulic Tank & Hoses	✓	All, in good order.
14	Other	✓	Tractor and crane operation are controlled by wireless remote. In good order.

## LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos:



Year mfg.2014. Serial no.100181769.

This item has been inspected in accordance with the relevant codes & standards and ~~not being~~ / is being recommended for certification.

Expiry Date: 10/05/2019

Equipment Inspector:	Reviewed By:
B.Mohan – IANZ Signatory	



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## Crane Certificate of Inspection



Client: Agtrans Ltd. Address: 24 Fitzgerald Lane, Hawera. Controller: Phill / CJ Client ID: Crawler Crane Location: New Zealand Wide. Type / Description: Crawler Mounted Crane Vehicle Type / Reg: Caterpillar 312C / FCD 987. Crane Year / Serial no: 2014 / 100181769.	Job Number: J4358-SI02 Date Inspected: 10/05/2018 Official Number: SIS128003 Capacity: As per rating chart. Hoist Rope Diameter: n/a Hook SWL: 11.5 tonnes Manufacturer: Palfinger PK40002-EH <b>Date of Expiry: 10/05/2019</b>
<i>This equipment was found to be in a satisfactory and safe condition at the time of inspection and will remain safe for the period of the certificate if operated and maintained properly.</i>	
Equipment Inspector: B.Mohan – IANZ Signatory.	

